AUG 0 1 2003 E

PTO/SB/08A (02-03) Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449/PTO

Sheet 1

(Use as many sheets as necessary)

Complete if Known			
Application Number	09/401,074		
Filing Date	09/22/1999		
First Named Inventor	Amit Verma		
Art Unit	2665		
Examiner Name	Ryman, Daniel J.		
Attorney Docket Number			

U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Examiner Publication Date Name of Patentee or **Document Number** Initials\* No. MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code<sup>2</sup> (F known) Figures Appear US-US-US-US-US-US-US-US. US-US-IIS-US-US-US-US-US-US-US-

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date		Pages, Columns, Lines, Where Relevant Passages	T
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	۲۰
	ļ					
<del></del>	ļ					┡
	<del>                                     </del>		<del></del>			┡
	1					-
						-

Examiner		Date	-1 12003
Signature	Itemal lyman	Considered	6 August 2003
	•	Į.	•

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional), See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspw.gov">www.uspw.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/S8/08B (02-03)
Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO	Complete if Known		
Subalidic for form 1945/176	Application Number	09/401,074	
INFORMATION DISCLOSURE	Filing Date	09/22/1999	
STATEMENT BY APPLICANT	First Named Inventor	Amit Verma	
(Use as many sheets as necessary)	Art Unit	2665	
(ose as many sneets as necessary)	Examiner Name	Ryman, Daniel J.	
Sheet 2 of 2	Attorney Docket Number		

		OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DSR		BINGHAM, "Multicarrier Modulation for Data Transmission," IEEE Comm., Vol. 28, No. 5, pp. 5-14, 5/90	
ממנ		TELLADO & CIOFFI, "PAR Reduction in Multicarrier Transmission Systems," TiE1.4/97-367, 12/8/97	
DIN		TELLADO & CIOFFI, "Revisiting DMT's PAR (98-083), T1E1.4/98-083, 3/3/98	
DINS		ITU STUDY GROUP 15, "A New Approach to PAR Control in DMT Systems," NF-83, 11-14 May 1998	
1)218		iTU STUDY GROUP 15, "An Efficient Implementation of PAR reduction method," 3-7 Aug 1998	
DIR		JONES, WILKINSON & BARTON, "Block Coding Scheme for Reduction of Peak to Mean Envelope Power Ratio"	
-			

Examiner Signature Denue Pyrran Date Consider	ed 6 August 2003
---	------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.